

Title (en)

Vegetative panel with solid, composite structure for use in public works and construction

Title (de)

Begrünbares Paneel mit harter Verbundstruktur zur Anwendung bei öffentlichen Bauarbeiten und Konstruktionen

Title (fr)

Panneau végétalisable, comportant une structure composite solide, destiné aux travaux publics et à la construction

Publication

**EP 1243703 A1 20020925 (FR)**

Application

**EP 02290673 A 20020318**

Priority

FR 0103761 A 20010320

Abstract (en)

Panel (1) consists of a backing layer (5) e.g. of metal, plastic, concrete or rot-proof wood, covered with layer (2) of material that supports plant growth. The covering layer is made from lightweight stone fragments (3) e.g. expanded schist or clay held together by binding agent (4). The backing layer can be fixed to structure mechanically, by bolts/rivets, or chemically, by mortar/resin.

Abstract (fr)

L'invention concerne un panneau d'habillage (1), destiné au développement de végétaux, dans le domaine des travaux publics et de la construction, comportant, fixée sur un support (5), une structure solide composite (2) constituée d'éléments pierreux légers reliés et rendus solidaires entre eux au moyen d'un agent liant, ladite structure ménageant dans son volume des interstices et pores et comportant des cavités de préférence en forme de cylindres ou de demi-sphères, ménagées sur la face inférieure (11) de la structure, aptes à recevoir un substrat organo-terreux et permettant le développement de végétaux. <IMAGE>

IPC 1-7

**E02D 29/02**; **E01F 8/02**; **B28B 11/06**

IPC 8 full level

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CPC (source: EP)

**A01G 9/025** (2013.01); **A01G 20/20** (2018.01); **B28B 1/14** (2013.01); **B28B 1/48** (2013.01); **B28B 7/388** (2013.01); **B28B 19/00** (2013.01); **B28B 23/0087** (2013.01); **B29C 67/243** (2013.01); **C04B 26/02** (2013.01); **C04B 28/02** (2013.01); **E01F 8/021** (2013.01); **E01F 8/027** (2013.01); **E02D 29/025** (2013.01); **E04F 13/0816** (2013.01); **C04B 2111/00758** (2013.01); **Y02P 60/20** (2015.11)

Citation (search report)

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